

Lia Li

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Employment Status: U.S. Citizen, full work authorization

Education

Stony Brook University

May 2027

B.S. in Applied Mathematics and Statistics; Minor in Electrical Engineering

Stony Brook, NY

- Cumulative GPA: 3.5 / 4.0
- Relevant Coursework: Probability Theory, Data Analysis, Graph Theory, Differential Equations, Random Signals and Systems, Electrical Circuit Analysis, Quantum Mechanics for Engineers, Computer Science Principles

Professional & Project Experience

Fourier Fund of Stony Brook University

Oct. 2025 – Present

Junior Analyst

Stony Brook, NY

- Conducted quantitative equity research using factor models, regression analysis, and risk metrics to identify undervalued Communications-sector securities.
- Built comps valuation tables (EV/EBITDA, P/E) and integrated them with DCF and sensitivity models.
- Developed Monte Carlo simulations in Jupyter Notebook and Excel to quantify risk and evaluate valuation scenarios.
- Partnered with a 4-person Communications team to craft investment theses and present recommendations to the 49-member fund.

Stony Brook University Department of Applied Mathematics

Aug. 2025 – Dec. 2025

Undergraduate Teaching Assistant, AMS 210: Linear Algebra

Stony Brook, NY

- Graded coursework for 180+ students weekly, ensuring accuracy and consistency in linear algebra topics.
- Hosted weekly office hours to reinforce student understanding of matrices, eigenvalues, and vector spaces.

Blockchain Business Lab (BBL)

Jan. 2025 – May 2025

Strategy & Systems Analyst

Stony Brook, NY

- Collaborated with a 6-member team to design a decentralized rewards platform for student organizations.
- Led front-end design in Figma, improving dashboard usability for token progress tracking.
- Reported weekly to Lab Director Prof. Danling Jiang on progress, challenges, and deliverables.
- Identified fairness and control issues in token distribution, proposing solutions to improve sustainability.

Jag International Trim

June 2024 – Sept. 2024

Project Data Intern

New York, NY

- Partnered with CEO and CFO to design and launch a client-facing website using Figma prototypes.
- Recruited and coordinated a freelance engineer to implement design and technical features.
- Optimized product data workflows by 30% through Excel dataset consolidation.
- Created 50+ client-ready visuals and presentations to support business development.

RU Designs LLC

April 2024 – Sept. 2024

Design Research & Data Intern

New York, NY

- Collaborated with designers to analyze and visualize data on 50+ building materials for space planning in the NYC metro area.
- Conducted research and consolidated insights on 100+ material vendors to inform purchasing strategy.
- Handled communications with external stakeholders, creating quotes and contributing to cost-effective planning.

Chan Bai Mei

April 2024 – May 2025

Digital Marketing Intern

New York, NY

- Supported U.S. expansion of a Chinese food chain, assisting the CEO with marketing and translation.
- Engaged with 1,000+ customers per festival across multiple states, driving sales and brand growth.
- Produced and managed social media ads, boosting engagement by 400%.

Leadership & Extracurricular Activities

Rock Climbing Club, Stony Brook University

Aug. 2024 – Present

Co-Founder & Vice President

Stony Brook, NY

- Relaunched the club post-hiatus, growing membership by 300 and securing \$500+ in early fundraising.
- Secured probationary budget approval and managed \$400+ in funds to apply for line budget designation.

Relevant Skills

Technical: Excel, Google Sheets, Python (basic), Figma, Onshape, Tinkercad

Languages: English (Native), Mandarin Chinese, Fuzhounese

Interests: Rock Climbing, Vintage, Non-fiction Books, Financial Audit Shows